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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/777,953
		Filing Date	February 7, 2001
		First Named Inventor	David L. BUCHANAN
		Group Art Unit	3752
		Examiner Name	Christopher S. Kim
Total Number of Pages in This Submission	29	Attorney Docket Number	740270-2662

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Card
Remarks	<input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 19-2380 for the above identified docket number.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Daniel S. Song, Esq., Reg. No. 43,143 Nixon Peabody LLP 401 9th Street, N.W. Suite 900 Washington, D.C. 20004-2128
Signature	
Date	March 26, 2004

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CERTIFICATE OF MAILING OR TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.			
Typed or printed name	Sharon L. Tabor		
Signature		Date	March 26, 2004



FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$180.00)

Complete if Known

Application Number 09/777,953
Filing Date February 7, 2001
First Named Inventor David L. BUCHANAN
Examiner Name Christopher S. Kim
Art Unit 3752
Attorney Docket No. 740270-2662

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METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 19-2380 (740270-2662)

Deposit Account Name Nixon Peabody LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims Fee from below Fee Paid
Total Claims - 20** = X =
Independent Claims - 3** = X =
Multiple Dependent X =

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description
1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
1053	130	1053	130	Non-English specification
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	420	2252	210	Extension for reply within second month
1253	950	2253	475	Extension for reply within third month
1254	1,480	2254	740	Extension for reply within fourth month
1255	2,010	2255	1,005	Extension for reply within fifth month
1401	330	2401	165	Notice of Appeal
1402	330	2402	165	Filing a brief in support of an appeal
1403	290	2403	145	Request for oral hearing
1451	1,510	1451	1,510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive - unavoidable
1453	1,330	2453	665	Petition to revive - unintentional
1501	1,330	2501	665	Utility issue fee (or reissue)
1502	480	2502	240	Design issue fee
1503	640	2503	320	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))
1801	770	2801	385	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$180)

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Sharon L. Tabor
Sharon L. Tabor

SUBMITTED BY

Name (Print/Type) Daniel S. Song

Registration No. 43,143
(Attorney/Agent)

Complete (if applicable)

Telephone (202) 585-8000

Signature

Daniel S. Song

Date

March 26, 2004

CERTIFICATE OF MAILING

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Sharon L. Tabor
Sharon L. Tabor

Attorney Docket No. 740270-2662

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT Application of)

David L. BUCHANAN et al.)

Serial No. 09/777,953)

Filed: February 7, 2001)

Confirmation No. 5812)

For: FUEL INJECTOR HAVING A NOZZLE)

WITH IMPROVED COOLING)

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MAR 31 2004

TECHNOLOGY CENTER R3700

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. §1.98, a copy of each of the documents cited is enclosed.

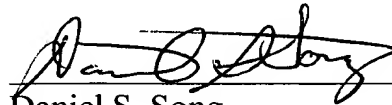
Applicants note that U.S. Patent No. 5,884,850 is the counterpart of cited reference DE 196 26 576 and U.S. Patent No. 6,196,195 is the counterpart of cited reference DE 197 43 103.

The Director is hereby authorized to charge the \$180.00 fee set forth in §1.17(p) to Deposit Account No. 19-2380 (740270-2662) to comply with the provisions of 37 C.F.R. § 1.97(c).

03/30/2004 RNEBRAHT 0000071 192380 09777953
01 FC:1806 180.00 DA

It is requested that the accompanying Information Disclosure Statement be considered and made of record in the above-captioned application. To assist the Examiner, the documents are listed on the attached Form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Daniel S. Song", is written over a horizontal line.

Daniel S. Song
Registration No. 43,143

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Dated: March 26, 2004



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number

09/777,953

Filing Date

February 7, 2001

First Named Inventor

David L. BUCHANAN

Group Art Unit

3752

Examiner Name

Christopher S. Kim

Attorney Docket Number

740270-2662

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Applicant's uniqueness with document number (number of Applicant).
⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).
⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.
⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.
⁷ Applicant is to place a check mark here if English language Translation is attached.